# R7-2-302.05 and R7-2-302.06

## AIMS AUGMENTATION FORMULA

# Summary:

- A.R.S. 15-701.02 establishes alternative H.S. graduation requirements related to AIMS

- Students that fail to pass one or more sections of the assessment may augment their scores with additional points derived from classroom grades of "C" or better.

- Board is required to adopt rules for implementation of this alternative requirement by September 1st.

# Rules Development:

- ☐ Board study session on June 16th to establish rules framework.

- ☐ Advisory Committee formed to develop rules. Membership included teachers, administrators, local governing board members and assessment directors.

# Eligibility Requirements:

- ☐ Student must have passed all required coursework.

- ☐ Student must have taken AIMS at every administration when he/she was eligible to take the test.

- ☐ Student must have participated in any remediation program in the areas where the student failed to pass the assessment.

# Eligibility Requirements:

- Committee determined eligibility requirements should be appealable.
  - Extreme circumstances could render a student "ineligible" for an AIMS administration.
  - Student may have proof of participation in a school or state remediation program.

- Appeals conducted by local governing board or its designee.

# Process:

- ☐ District or charter school shall calculate the augmented score(s) of each eligible pupil that fails to achieve a passing score on any section of AIMS.
- ☐ 11 ½ credits specifically required for graduation purposes eligible for additional credit.
- ☐ A's receive more credit than B's; B's receive more credit than C's. No credit is awarded for D's or F's.
- ☐ Courses with higher academic content shall receive more additional credit.
- ☐ If a student's augmented score exceeds the "meets the standard" threshold he/she has met the alternative graduation requirement.

# Formula:

☐ Committee very aware of the need to keep the formula as simple as possible.

☐ Point system:

| Grade | Standard | Advanced |
|-------|----------|----------|
| A | 20 | 25 |
| B | 15 | 20 |
| C | 12 | 15 |
| D,F | 0 | 0 |

# Formula:

- ☐ Points represent a potential percentage augmentation on each section of the test not passed.

- ☐ Points represent the amount of additional points awarded <u>per credit.</u>

- ☐ Sum of additional points earned will be divided by 11 ½ to obtain average.

- ☐ Scale scores will be augmented by the resulting percentage.

# Sample Calculation:

- ☐ Student's scale score on Math section of AIMS is 625 (passing score is 683).
- ☐ Student's Grades (not honors or AP classes):

**A    – ½ Credit   X   20 = 10 pts**
A    – ½ Credit = 10 pts
A    – ½ Credit = 10 pts
A    – ½ Credit = 10 pts
A    – ½ Credit = 10 pts
A    – ½ Credit = 10 pts

**B    – ½ Credit   X 15 = 7.5 pts**
B    – ½ Credit = 7.5
B    – ½ Credit = 7.5
B    – ½ Credit = 7.5
B    – ½ Credit = 7.5
B    – ½ Credit = 7.5

B    – ½ Credit = 7.5
B    – ½ Credit = 7.5
B    – ½ Credit = 7.5
B    – ½ Credit = 7.5
B    – ½ Credit = 7.5
B    – ½ Credit = 7.5

**C    – ½ Credit X 12 = 6 pts**
C    – ½ Credit = 6
C    – ½ Credit = 6
C    – ½ Credit = 6

**C    – ¼ Credit = 3 pts**

**D    – ¼ Credit = 0 pts**

- ☐ Total Points Earned = 177

# Sample Calculation:

- ☐ Average points per credit:
  - ■ 177 / 11.5 = **15.39**

- ☐ Formula:

$$\frac{\text{Avg. Pts. Per Credit}}{100} \times (\text{Student's Original Scale Score}) = \text{Augmentation Points}$$

# Sample Calculation:

- $\dfrac{15.39}{100}$ X (625) = 96.1875 augmentation points

- Add augmentation points to original score:
  - 625 + 96 = 721

- *The passing score on the Math section of AIMS is 683; therefore, the student meets the alternative graduation requirement.*